

APPENDIX F

NOISE DATA

OFF-SITE TRAFFIC NOISE LEVELS

Project Number: 10734-00
Project Name: La Canada Flintridge

Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
Analysis Scenario(s): Existing and Future Traffic Volumes
Source of Traffic Volumes: KAKU Associates
Community Noise Descriptor: L_{dn}: _____ CNEL: X

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

Traffic Noise Levels

Analysis Condition				Peak	Design	Dist. from	Barrier	Vehicle Mix		Peak Hou	24-Hour		
Roadway Name			Median	Hour	ADT	Speed	Center to	Alpha	Attn.	Medium	Heavy	dB(A)	dB(A)
Roadway Segment	Land Use	Lanes	Width	Volume	Volume	(mph)	Receptor'	Factor	dB(A)	Trucks	Trucks	L _{eq}	CNEL
Existing Traffic Volumes													
Inverness Drive													
Chevy Chase Dr. to Coroi	Single Family	2	0	18	180	25	50	0.5	0	1.8%	0.8%	45.2	43.4
Corona Drive													
Highland Dr. to Inverness	Single Family	2	0	123	1,230	25	50	0.5	0	1.8%	0.8%	53.6	51.7
St. Katherine Dr.													
Figueroa St. to San Austir	Single Family	2	0	31	310	25	50	0.5	0	1.8%	0.8%	47.6	45.7
Berkshire Place													
Berkshire Ave. to Colorad	Single Family	2	0	403	4,030	25	50	0.5	0	1.8%	0.8%	58.7	56.9
Future without Project Traffic Volumes													
Inverness Drive													
Chevy Chase Dr. to Coroi	Single Family	2	0	22	220	25	50	0.5	0	1.8%	0.8%	46.1	44.3
Corona Drive													
Highland Dr. to Inverness	Single Family	2	0	136	1,360	25	50	0.5	0	1.8%	0.8%	54.0	52.2
St. Katherine Dr.													
Figueroa St. to San Austir	Single Family	2	0	34	340	25	50	0.5	0	1.8%	0.8%	48.0	46.1
Berkshire Place													
Berkshire Ave. to Colorad	Single Family	2	0	445	4,450	25	50	0.5	0	1.8%	0.8%	59.2	57.3
Future with Project Traffic Volumes													
Inverness Drive													
Chevy Chase Dr. to Coroi	Single Family	2	0	23	230	25	50	0.5	0	1.8%	0.8%	46.3	44.4
Corona Drive													
Highland Dr. to Inverness	Single Family	2	0	149	1,490	25	50	0.5	0	1.8%	0.8%	54.4	52.6
St. Katherine Dr.													
Figueroa St. to San Austir	Single Family	2	0	36	360	25	50	0.5	0	1.8%	0.8%	48.2	46.4
Berkshire Place													
Berkshire Ave. to Colorad	Single Family	2	0	457	4,570	25	50	0.5	0	1.8%	0.8%	59.3	57.4

¹ Distance is from the centerline of the roadway segment to the receptor location.